

# KN-SILGP

## GENERAL PURPOSE ANTI FUNGAL AND ANTI BACTERIAL SILICONE SEALANT

### DESCRIPTION

**KN-SIL GP** is multi-purpose, ready-to-use silicone sealant based on acid curing with a very good adhesion to many surfaces.

### APPLICATIONS

**KN-SIL GP** is a suitable for top sealing in glazing systems, and connecting joints in buildings. It can be used to seal assemblies of glass, glazed surfaces, porcelain coated metals, epoxy, aluminium and finished wood, MDF, SS, MS and GI

### FEATURES

- Excellent UV and weather resistance.
- Good adhesion to many surfaces.
- Antibacterial and Antifungal

### USES

Adheres to Glass, Fiberglass, Ceramic, Non-oily woods, Porcelain, Most metals, most plastics & rubbers & most painted surfaces

### TECHNICAL SPECIFICATION

Physical Properties	Typical Value
Basis	One part moisture cure silicone sealant
Specific gravity	0.95 ± 0.01
Elongation	>400%
Hardness, shore A	18
Viscosity flow	Non sag
Skin Forming time	3-5 minutes
Tack free time	15 minutes
Depth cure	2mm/day
Application Temperature	+5°C to 50°C

### SURFACE PREPARATION

Surface should be completely clean, dry & free of contaminants such as dirt, dust, grease, oil & other residue or material that may interfere with adhesion. Remove mildew by scrubbing. Protect eyes & hands by wearing goggles/face shield & chemical resistant gloves. Thoroughly rinse surface & allow to dry completely prior to sealant application.

## DIRECTIONS

- Clip off tip of spout at 45 degree angle to desired size.
- Apply using steady, even pressure to completely bridge joints
- Smooth sealant for a neat appearance.
- Wipe away excess with a dry cloth or towel before surface skins.
- After cure, carefully remove with a razor blade, taking care not to undercut sealant bond to substrate.

## CLEAN UP

Wipe excess with dry towel or paper towel prior to cure. Wash skin with mild soap & water. Clean tools with mineral spirits prior to cure. Cured sealant may be removed using a razor blade taking care not to undercut seal to substrate.

## LIMITATIONS

Sealant not paintable. Complete all painting prior to sealant application.

Not recommended for full-time water immersion applications.

Not recommended for application in totally confined areas as atmospheric moisture is required for sealant cure.

Sealant does not adhere well to Teflon coated materials, Polyethylene, Polypropylene or Methylmethacrylate (Plexiglas).

Not recommended for use on Polycarbonate.

Not for use on or near sensitive metals such as Copper, Brass, Zinc, Carbon Steel, Galvanized Iron or Magnesium as corrosion may occur during sealant's acetic acid release.

## PACKAGING

280ml /24 nos/carton

## COLORS

**kN-SIL GP** is available in Transparent, Black, White, Grey, and Brown. Other colors are available on request.

## SAFETY

Safety data sheet available upon request.

## STORAGE AND SHELF LIFE

It must be stored at or below 25° C in a covered, well-ventilated area. It has a shelf life of 12 months from date of production.